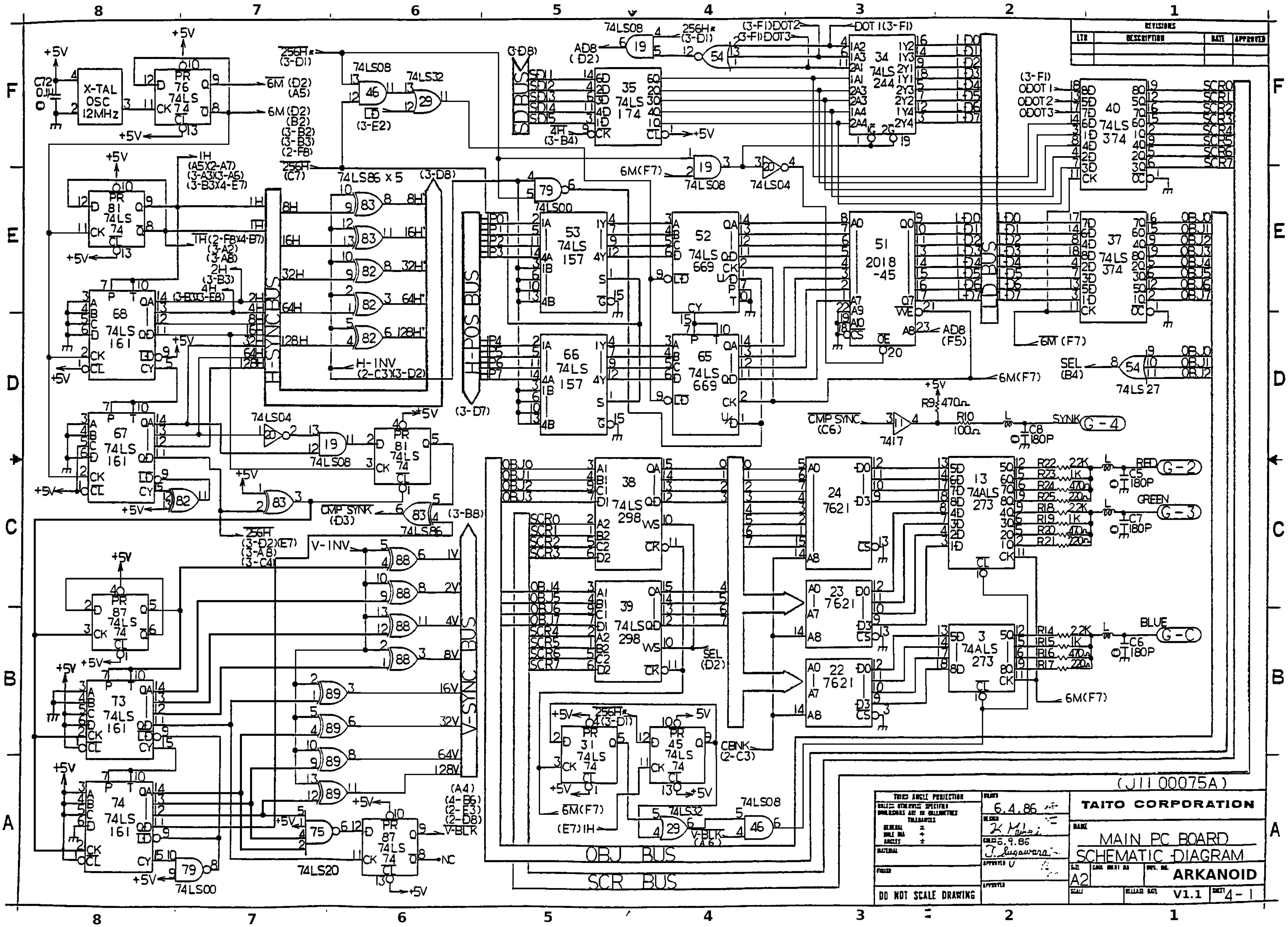
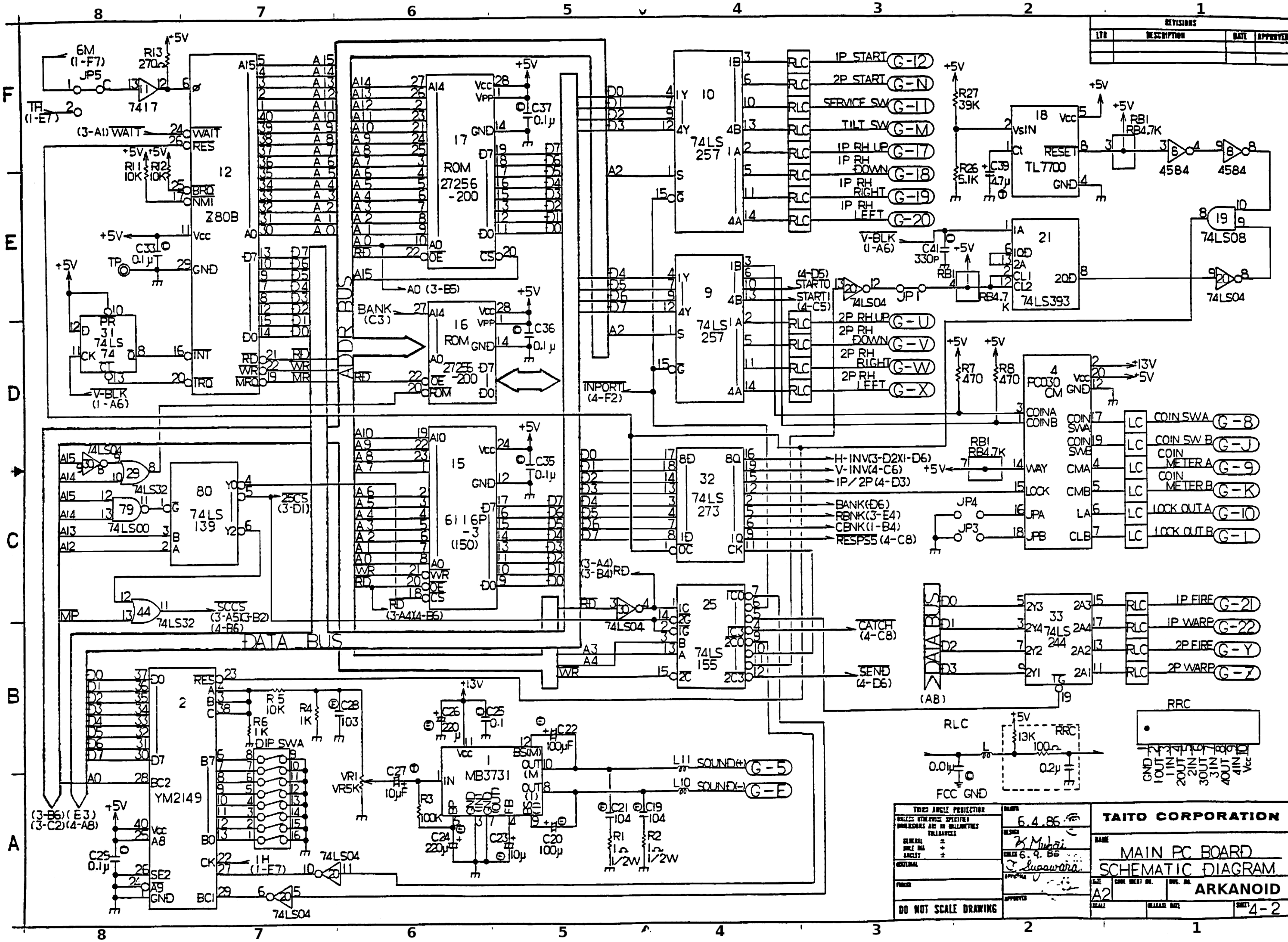
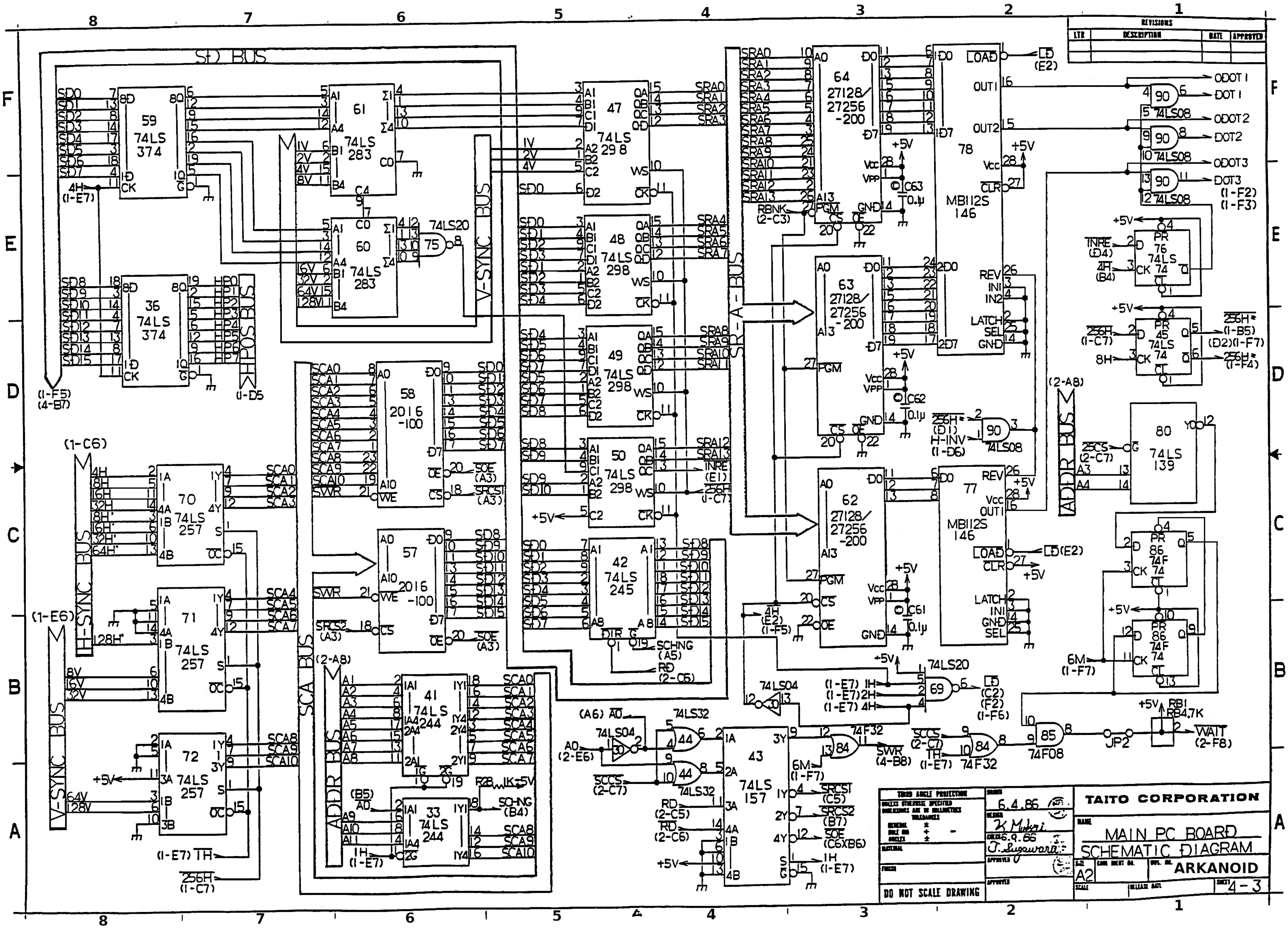
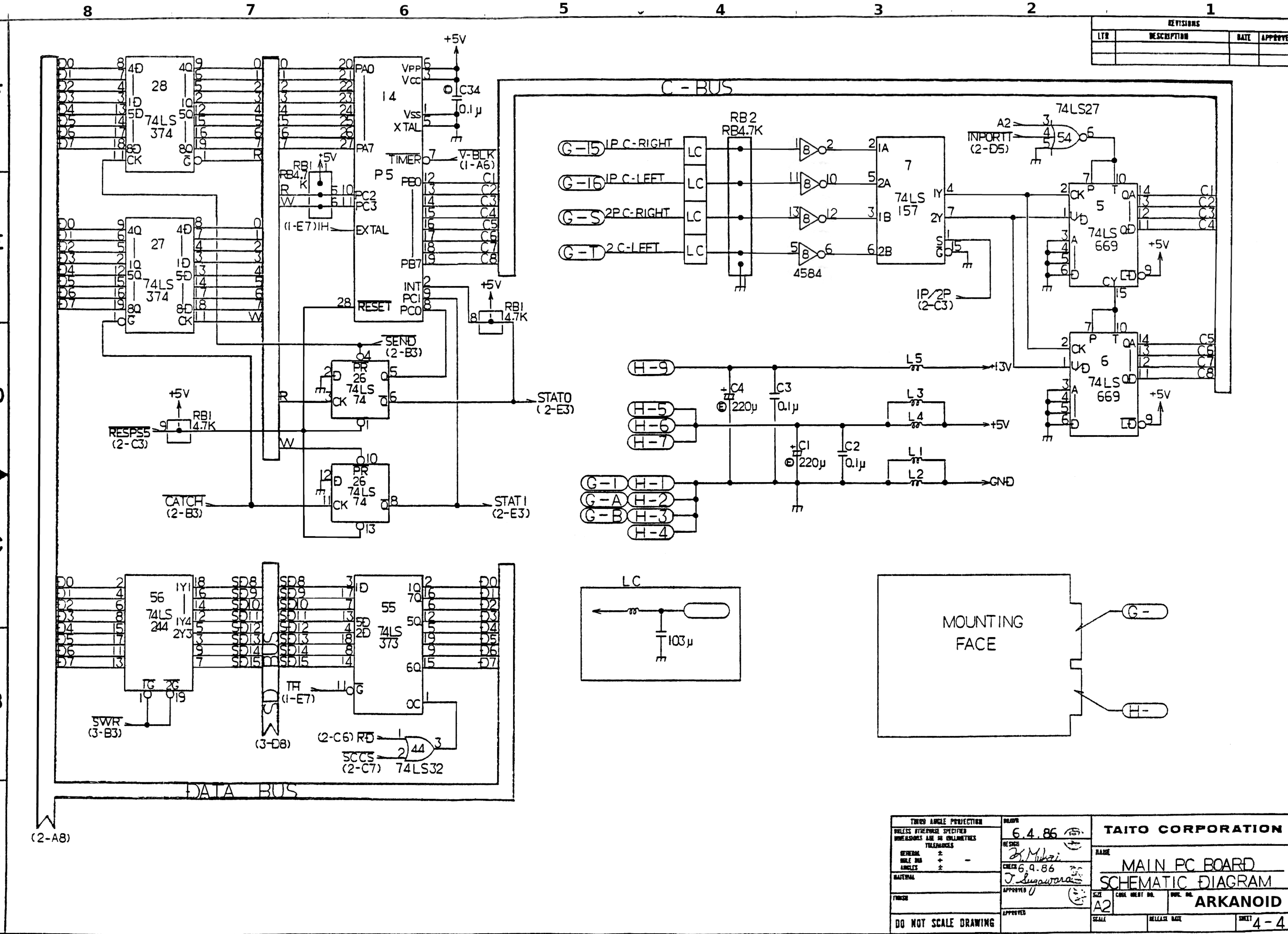
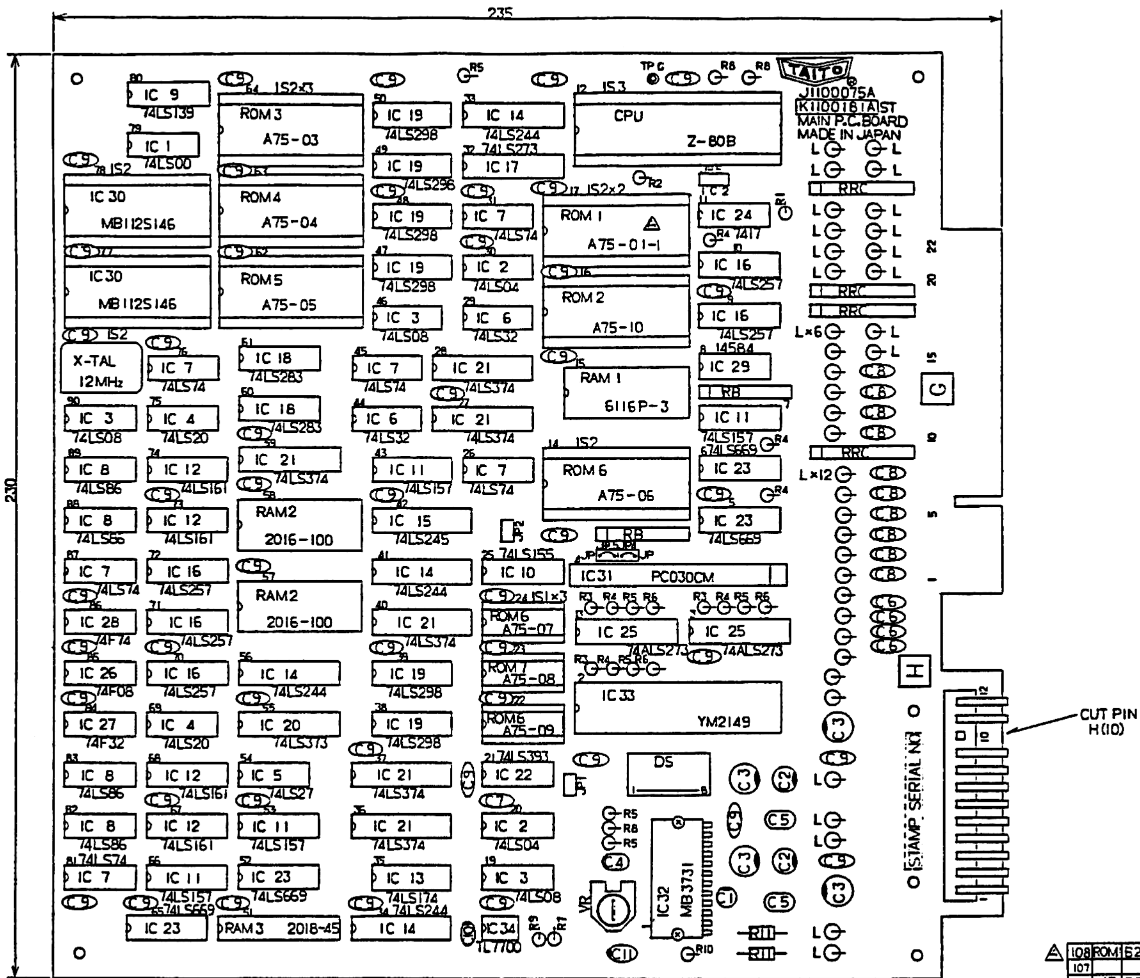


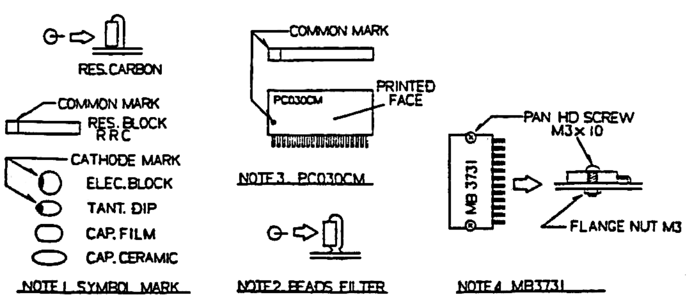
X-TAL OSC 12MHz
74LS174
74LS244
74LS374
74LS157
74LS669
2018-45
74LS161
74LS298
7621
74ALS273
74LS86 x 5
H-SYNC BUS
H-POS BUS
V-SYNC BUS
OBJ BUS
SCR BUS
CMP SYNC
SYNK
RED
GREEN
BLUE
V-BLK
(J11 00075A)
TAITO CORPORATION
MAIN PC BOARD
SCHEMATIC DIAGRAM
ARKANOID
DO NOT SCALE DRAWING
A2
V1.1
4-1


TAITO CORPORATION
MAIN PC BOARD
SCHEMATIC DIAGRAM
ARKANOID
A2
4-2
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THIRD ANGLE PROJECTION
6.4.86
6.9.86
REVISIONS
Z80B
ROM 27256 -200
6116P -3 (150)
74LS257
74LS273
74LS155
74LS139
74LS244
74LS393
TL7700
PC030 CM
YM2149
MB3731
DIP SWA
ADDR BUS
DATA BUS
SOUND(+)
SOUND(-)
RLC
RRC
FCC GND


TAITO CORPORATION
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A2
4-3
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6.4.86
6.9.86
REVISIONS
SD BUS
SR-A-BUS
SCA BUS
V-SYNC BUS
H-SYNC BUS
ADDR BUS
H-POS BUS


REVISIONS
LTR
DESCRIPTION
DATE
APPROVED
C - BUS
DATA BUS
74LS 374
74LS 374
74LS 244
74LS 373
P5
+5V
C34
0.1μ
TIMER
V-BLK (1-A6)
RESET
SEND (2-B3)
STAT0 (2-E3)
STAT1 (2-E3)
RESPS5 (2-C3)
CATCH (2-B3)
74LS 74
74LS 74
RB1 4.7K
SWR (3-B3)
(3-D8)
TH (1-E7)
(2-C6) RD
SCCS (2-C7)
74LS32
(2-A8)
RB2 RB4.7K
1P C-RIGHT
1P C-LEFT
2P C-RIGHT
2 C-LEFT
LC
4584
74LS 157
IP/2P (2-C3)
74LS27
A2
INPORT (2-D5)
74LS 669
74LS 669
+13V
+5V
GND
C4 220μ
C3 0.1μ
C1 220μ
C2 0.1μ
L1
L2
L3
L4
L5
LC
103μ
MOUNTING FACE
G-
H-
THIRD ANGLE PROJECTION
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6.4.86
6.9.86
TAITO CORPORATION
MAIN PC BOARD SCHEMATIC DIAGRAM
A2
ARKANOID
4-4





QTY	SYM	PARTS NO	DESCRIPTION		QTY
108	ROM1	B2002205A	P-ROM A75-01-1	(27256-200)	1
107					
106	JP	C0700237A	TINND COPPER WIRE 1ø		30
105					
104	ST	G1600263A	PC BOARD STICKER	(K1100181A)	1
103					
102	I	C1101201A	BEADS FILTER	ZBF503S-01TA	37
101					
100	TP	C0600403A	TEST POINT CHIP	l=7.8	1
99					
98	IS3	C0550090A	IC SOCKET	40P	1
97	IS2	C0550080A	〃	28P	8
96	IS1	C0550033A	IC SOCKET	16P	3
95					
94	H	C0500034A	POST HEADER	5272-12	1
93					
92	DS	C0200117A	DIP SW	DSS-8	1
91					
90	ROM9	B2002202A	P-ROM A75-09	(7621)	1
89	ROM8	B2002201A	↑ A75-08	(7621)	1
88	ROM7	B2002200A	│ A75-07	(7621)	1
87	ROM6	B2002199A	│ A75-06	(P5)	1
86	ROM5	B2002198A	│ A75-05	(27256-200)	1
85	ROM4	B2002197A	│ A75-04	(↑)	1
84	ROM3	B2002196A	│ A75-03	(│)	1
83	ROM2	B2002203A	↓ A75-10	(↓)	1
82	ROM1	~~B2002__A~~	~~P-ROM A75-01~~	~~(27256-200)~~	~~1~~

ITEM NO	SYM	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION		QTY REQ
81	IC34	B1772529A	RESET IC	TL7700	1
80	IC33	B1772008A	PSG	YM2149	1
79		P2600006A	FLANGE NUT	M3	2
78		P0600023A	PAN HD SCREW	M3×10	2
77	IC32	B1771606A	POWER AMP	MB3731	1
76					
75	IC31	B1670021A	COSTOM IC	PC030CM	1
74	IC30	B1670012A	COSTOM IC	MB112S146	2
73					
72	RAM3	B10X0028B	S-RAM	2018D-45	1
71	RAM2	B10X0019C	〃	2016-100	2
70	RAM1	B10X0019A	S-RAM	6116P-3	1
69					
68	CPU	B08X2014C	C.P.U.	Z-80B	1
67					
66	IC29	B07X0584A	C-MOS	MC14554B	1
65					
64	IC28	B05X2074A	TTL IC	74F74	1
63	IC27	B05X2032A	↑	74F32	1
62	IC26	B05X2008A	│	74F08	1
61	IC25	B04X0273A	│	74ALS273	2
60	IC24	B03X0017A	│	7417	1
59	IC23	B01X0669A	│	74LS669	4
58	IC22	B01X0393A	│	74LS393	1
57	IC21	B01X0374A	│	74LS374	6
56	IC20	B01X0373A	│	74LS373	1
55	IC19	B01X0298A	│	74LS298	6
54	IC18	B01X0283A	│	74LS283	2
53	IC17	B01X0273A	│	74LS273	1
52	IC16	B01X0257A	│	74LS257	5
51	IC15	B01X0245A	│	74LS245	1
50	IC14	B01X0244A	│	74LS244	4
49	IC13	B01X0174A	│	74LS174	1
48	IC12	B01X0161A	│	74LS161	4
47	IC11	B01X0157A	│	74LS157	4
46	IC10	B01X0155A	│	74LS155	1
45	IC9	B01X0139A	│	74LS139	1
44	IC8	B01X0086A	│	74LS86	4
43	IC7	B01X0074A	│	74LS74	6
42	IC6	B01X0032A	│	74LS32	2
41	IC5	B01X0027A	│	74LS27	1
40	IC4	B01X0020A	│	74LS20	2
39	IC3	B01X0008A	│	74LS08	3
38	IC2	B01X0004A	↓	74LS04	2
37	IC1	B01X0000A	TTL IC	74LS00	1
36					
35	XTAL	A9000160A	X-TAL OSC	12MHz	1
34					
33	RRC	A2239003A	R.R.C	480R-152P	4
32	RB	A2231081A	RES. NETWORK	4.7K 1/4W 9S	2
31					
30	VR	A2102411A	VR. B-5K	TMBK PV2	1
29					
28	R11	A2000470A	RES.CARBON	1 OHM 1/2W±5%	2
27	R10	A2000113A	↑	100K OHM 1/4W±5%	1
26	R9	A2000103A	│	39K ↑	1
25	R8	A2000089A	│	10K │	3
24	R7	A2000082A	│	5.1K │	1
23	R6	A2000073A	│	2.2K │	3
22	R5	A2000065A	│	1K │	6
21	R4	A2000057A	│	470 │	6
20	R3	A2000049A	│	220 │	3
19	R2	A2000048A	↓	200 ↓	1
18	R1	A2000041A	RES.CARBON	100 OHM 1/4W±5%	1
17					
16	C11	A1320519A	TANT. DIP	25V 10μ	1
15	C10	A1320515A	TANT. DIP	25V 4.7μ	1
14					
13	C9	A1200123A	CAP. CERAMIC	25V 100000P	48
12	C8	A1200293A	〃	50V 10000P	10
11	C7	A1200257A	〃	〃 330P	1
10	C6	A1200251A	CAP. CERAMIC	50V 180P	4
9					
8	C5	A1100170A	CAP. FILM	50V 0.1μ	2
7	C4	A1100147A	CAP. FILM	50V 0.01μ	1
6					
5	C3	A1000185A	ELEC. BLOCK	25VB 220μ	4
4	C2	A1000181A	〃	〃 100μ	2
3	C1	A1000169A	ELEC. BLOCK	25VB 10μ	1
2					
1		J1100075A	MAIN PC BOARD		1

PARTS LIST

THIRD ANGLE PROJECTION

UNLESS OTHERWISE SPECIFIED

DO NOT SCALE DRAWING

TAITO CORPORATION

MAIN PCBOARD Assy

EXP. TAMCO LICENCE TO ROMSTAR

A1 K1100181A